

***AFC1 AND RCE1: ISOPRENYLATED CAAX PROCESSING ENZYMES***

**ABSTRACT OF THE DISCLOSURE**

5 Two genes which encode polypeptides that mediate post-prenylation  
processing steps in CAAX polypeptides such as Ras are provided. The two genes  
(*AFC1* and *RCE1*) encode polypeptides that mediate the removal of the AAX tripeptide  
from the CAAX polypeptide following prenylation. The genes and encoded  
polypeptides provide assays for testing compounds for an effect on post-prenylation  
10 processing steps. A heat shock assay for assessing Ras activity is also provided .

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